

Student Name:

Student id:

Sect #: Ser#:

University of Bahrain

College of Information Technology
Department of Computer Science

ITCS242: ASSEMBLY LANGUAGE PROGRAMMING

Quiz #6: IO using Interrupts

Question: Write the needed Assembly instructions in *real-address mode* that

- 1) Defines a proper message and prompt the user to enter from the keyboard ONE upper-case letter between **F** and **R**. No input validation is required.

- 2) Displays the entered letter preceded by the previous letter follows by the next letter. For example, if the user enters **G**, then your code should display **FGH**.

- 3) Defines and opens an existing file named **quiz6.txt** in the folder **C:\examples** for writing only.

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Quiz #6: IO using Interrupts

Question: Write the needed Assembly instructions in *real-address mode* that

- 4) Defines a proper message and prompt the user to enter from the keyboard ONE lower-case letter between **f** and **r**. No input validation is required.

- 5) Displays the entered letter preceded by the previous letter follows by the next letter. For example, if the user enters **g**, then your code should display **fgh**.

- 6) Defines and opens an existing file named **quiz6.txt** in the folder **C:\examples** for writing only.
